

## Refine Search

### Search Results -

Term	Documents
IL-22	166
IL-22S	0
IL-22.CLM..PGPB,USPT.	33
((IL-22).CLM.).PGPB,USPT.	33

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L7

Refine Search

Recall Text

Clear

Interrupt

### Search History

 DATE: Monday, April 03, 2006    [Printable Copy](#)    [Create Case](#)

#### Set Name Query

side by side

#### Hit Count Set Name

result set

DB=PGPB,USPT; PLUR=YES; OP=ADJ

<u>L7</u>	(IL-22).clm.	33	<u>L7</u>
<u>L6</u>	(tif\$).clm.	791	<u>L6</u>
<u>L5</u>	(tif\$ or "il-22").clm.	823	<u>L5</u>
<u>L4</u>	(tif\$ or "il-22" or inducible adj factor\$).clm.	891	<u>L4</u>
<u>L3</u>	(L1 or L2) and (tif\$ or "il-22" or inducible adj factor\$)	15	<u>L3</u>
<u>L2</u>	renauld.in.	68	<u>L2</u>
<u>L1</u>	dumoutier.in.	16	<u>L1</u>

END OF SEARCH HISTORY

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## Search Results - Record(s) 1 through 10 of 15 returned.

- ☐ 1. [20050282215](#). 19 Jul 05. 22 Dec 05. Isolated cytokine receptor LICR-2. [Renauld, Jean-Christophe](#), et al. 435/6; 435/320.1 435/325 435/69.1 530/350 536/23.5 C12Q001/68 C07H021/04 C12P021/06 C07K014/715.
- ☐ 2. [20050271619](#). 07 Jul 05. 08 Dec 05. Isolated nucleic acid molecules which encode T cell inducible factors, or interleukin-21, the proteins encoded, and uses thereof. [Dumoutier, Laure](#), et al. 424/85.2; A61K038/20.
- ☐ 3. [20040236075](#). 23 Jun 04. 25 Nov 04. Novel glass II cytokine receptors, and uses thereof. [Dumoutier, Laure](#), et al. 530/350; 424/144.1 530/388.22 C07K014/715 C07K016/28 A61K039/395.
- ☐ 4. [20040180399](#). 11 Mar 03. 16 Sep 04. Isolated nucleic acid molecules which encode a soluble IL-TIF/IL-22 receptor or binding protein which binds to IL-TIF/IL-22, and uses thereof. [Renauld, Jean-Christophe](#), et al. 435/69.1; 435/320.1 435/325 530/350 536/23.5 C07K014/715 C07H021/04.
- ☐ 5. [20040110189](#). 25 Jul 03. 10 Jun 04. Isolated nucleic acid molecules which encode T cell inducible factors (TIFs), the proteins encoded, and uses thereof. [Dumoutier, Laure](#), et al. 435/6; 435/320.1 435/325 435/69.1 530/350 536/23.5 C12Q001/68 C07H021/04 C07K014/705.
- ☐ 6. [20040071699](#). 31 Jul 01. 15 Apr 04. Isolated nucleic acid molecules which encode a soluble IL-TIF receptor or binding protein which binds to IL-TIF/IL-22, and uses thereof. [Renauld, Jean-Christophe](#), et al. 424/145.1; 435/320.1 435/335 435/69.1 530/388.23 536/23.53 A61K039/395 C07H021/04 C07K016/24 C12N005/06.
- ☐ 7. [20040002586](#). 10 Sep 02. 01 Jan 04. Crystal structure of interleukin-22 and uses thereof. [Nagem, Ronaldo A.P.](#), et al. 530/351; 703/11 C07K014/54 G06G007/48 G06G007/58.
- ☐ 8. [20030158100](#). 21 Dec 01. 21 Aug 03. Isolated cytokine receptor LICR-2. [Renauld, Jean-Christophe](#), et al. 514/12; 435/320.1 435/325 435/69.1 530/350 536/23.5 C12P021/02 C12N005/06 C07K014/715 A61K038/17 C07H021/04.
- ☐ 9. [20030023033](#). 26 Jul 01. 30 Jan 03. Novel class II cytokine receptors and uses thereof. [Dumoutier, Laure](#), et al. 530/350; 424/144.1 530/388.22 C07K014/715 A61K039/395 C07K016/28.
- ☐ 10. [20030012788](#). 26 Jul 02. 16 Jan 03. Method for influencing kinase pathways with IL-22. [Renauld, Jean-Christophe](#), et al. 424/145.1; 435/6 435/7.21 A61K039/395 C12Q001/68 G01N033/567.

Generate Collection

Print

Term	Documents
IL-22	166
IL-22S	0
INDUCIBLE	44423
INDUCIBLES	0

Generate Collection

Print

## Search Results - Record(s) 11 through 15 of 15 returned.

☐ 11. [20020187512](#). 18 Jan 02. 12 Dec 02. Crystal structure of human interleukin-22. Nagem, Ronaldo Alves Pinto, et al. 435/7.1; 435/69.52 702/19 G01N033/53 G06F019/00 G01N033/48 G01N033/50 C12P021/04.

☐ 12. [20010024652](#). 29 Dec 00. 27 Sep 01. Isolated nucleic acid molecules which encode T cell inducible factors (TIFs), the proteins encoded, and used thereof. Dumoutier, Laure, et al. 424/195.11; 435/325 435/69.5 536/23.5 A61K039/385 C07H021/04 C12P021/02 C12N005/08.

☐ 13. [6359117](#). 16 Jul 99; 19 Mar 02. Isolated nucleic acid molecules which encode T cell inducible factors (TIFs), the proteins encoded, and uses therefor. Dumoutier; Laure, et al. 530/351; 530/350. C07K014/52.

☐ 14. [6331613](#). 18 Oct 99; 18 Dec 01. Isolated nucleic acid molecules which encode T cell inducible factors (TIFs), the proteins encoded, and uses thereof. Dumoutier; Laure, et al. 536/23.5; 435/252.3 435/254.11 435/320.1 435/325 435/69.1 435/69.52. C07H021/04 C12P021/06 C12N001/20 C12N015/24.

☐ 15. [6274710](#). 26 Oct 98; 14 Aug 01. Antibodies which specifically bind T Cell inducible factors (TIFs). Dumoutier; Laure, et al. 530/387.9; 530/387.1 530/387.3 530/388.1 530/388.23 530/389.2. C12P021/08 C07K016/24.

Generate Collection

Print

Term	Documents
IL-22	166
IL-22S	0
INDUCIBLE	44423
INDUCIBLES	0
TIF\$	0
TIF	1955
TIFA	12
TIFAC	1
TIFACOGEN	1
TIFACOGIN	24
TIFACTOR	1
((L1 OR L2) AND (TIF\$ OR "IL-22" OR INDUCIBLE ADJ FACTORS\$)).PGPB,USPT.	15

There are more results than shown above. [Click here to view the entire set.](#)

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First Hit   Fwd Refs

L3: Entry 13 of 15

File: USPT

Mar 19, 2002

US-PAT-NO: 6359117

DOCUMENT-IDENTIFIER: US 6359117 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Isolated nucleic acid molecules which encode T cell inducible factors (TIFs), the proteins encoded, and uses therefor

DATE-ISSUED: March 19, 2002

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Dumoutier</u> ; Laure	Brussels			BE
<u>Louhed</u> ; Jamila	Brussels			BE
<u>Renauld</u> ; Jean-Christophe	Brussels			BE

US-CL-CURRENT: 530/351; 530/350

## CLAIMS:

What is claimed is:

1. An isolated T cell inducible factor, the amino acid sequence of which is set forth at SEQ ID NO: 27 or 28.
2. The isolated T cell inducible factor of claim 1, having the amino acid sequence set forth at SEQ ID NO: 27.
3. The isolated T cell inducible factor of claim 1, having the amino acid sequence set forth at SEQ ID NO: 28.

First Hit   Fwd Refs

**End of Result Set**

L3: Entry 15 of 15

File: USPT

Aug 14, 2001

US-PAT-NO: 6274710

DOCUMENT-IDENTIFIER: US 6274710 B1

**\*\* See image for Certificate of Correction \*\***TITLE: Antibodies which specifically bind T Cell inducible factors (TIFs)

DATE-ISSUED: August 14, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Dumoutier</u> ; Laure	Brussels			BE
<u>Louhed</u> ; Jamila	Brussels			BE
<u>Renauld</u> ; Jean-Christophe	Brussels			BE

US-CL-CURRENT: 530/387.9; 530/387.1, 530/387.3, 530/388.1, 530/388.23, 530/389.2

## CLAIMS:

What is claimed is:

1. An antibody which specifically binds to a protein encoded by the nucleotide sequence set forth in SEQ ID NO: 7, SEQ ID NO: 8, or SEQ ID NO: 9.
2. The antibody of claim 1, wherein said antibody is a monoclonal antibody.
3. The antibody of claim 1, wherein said antibody is a chimeric antibody or a humanized antibody.
4. The antibody of claim 1, wherein said nucleotide sequence is SEQ ID NO: 7.
5. The antibody of claim 1, wherein said nucleotide sequence is SEQ ID NO: 8.
6. The antibody of claim 1, wherein said nucleotide sequence is SEQ ID NO: 9.
7. The antibody of claim 1, wherein said protein has the amino acid sequence of SEQ ID NO: 15.
8. The antibody of claim 1, wherein said protein has the amino acid sequence of SEQ ID NO: 16.

First Hit   Fwd Refs

L3: Entry 14 of 15

File: USPT

Dec 18, 2001

US-PAT-NO: 6331613

DOCUMENT-IDENTIFIER: US 6331613 B1

**\*\* See image for Certificate of Correction \*\***

TITLE: Isolated nucleic acid molecules which encode T cell inducible factors (TIFS), the proteins encoded, and uses thereof

DATE-ISSUED: December 18, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
<u>Dumoutier</u> ; Laure	Brussels			BE
Louhed; Jamila	Brussels			BE
<u>Renauld</u> ; Jean-Christophe	Brussels			BE

US-CL-CURRENT: 536/23.5; 435/252.3, 435/254.11, 435/320.1, 435/325, 435/69.1, 435/69.52

## CLAIMS:

What is claimed is:

1. An isolated nucleic acid molecule, which encodes a T cell derived inducible factor having the amino acid sequence encoded by the nucleotide sequence of SEQ ID NO: 7, SEQ ID NO: 8, SEQ ID NO: 9, SEQ ID NO: 24, SEQ ID NO: 25 or SEQ ID NO: 29.
2. The isolated nucleic acid molecule of claim 1, the nucleotide sequence of which consists of the nucleotide sequence set forth in SEQ ID NO: 7, SEQ ID NO: 8, SEQ ID NO: 9, SEQ ID NO: 24, SEQ ID NO: 25, OR SEQ ID NO: 29.
3. The isolated nucleic acid molecule of claim 1, having the nucleotide sequence of SEQ ID NO: 25.
4. Expression vector comprising the isolated nucleic acid molecule of claim 1, operably linked to a promoter.
5. Expression vector comprising the isolated nucleic acid molecule of claim 2, operably linked to a promoter.
6. Expression vector comprising the isolated nucleic acid molecule of claim 3, operably linked to a promoter.
7. Recombinant cell comprising the isolated nucleic acid molecule of claim 1.
8. Recombinant cell comprising the expression vector of claim 4.
9. The isolated nucleic acid molecule of claim 1, having the nucleotide

sequence of SEQ ID NO: 7.

10. The isolated nucleic acid molecule of claim 1, having the nucleotide sequence of SEQ ID NO: 8.

11. The isolated nucleic acid molecule of claim 1, having the nucleotide sequence of SEQ ID NO: 9.

12. The isolated nucleic acid molecule of claim 1, having the nucleotide sequence of SEQ ID NO: 24.

13. The isolated nucleic acid molecule of claim 1, having the nucleotide sequence of SEQ ID NO: 29.

14. Recombinant cell comprising the isolated nucleic acid molecule of claim 2.

15. The isolated nucleic acid molecule of claim 1, which encodes a protein having the amino acid sequence set forth at SEQ ID NO: 27.

16. The isolated nucleic acid molecule of claim 1, which encodes a protein having the amino acid sequence set forth at SEQ ID NO: 28.

17. Expression vector comprising the isolated nucleic acid molecule of claim 15, operably linked to a promoter.

18. Expression vector comprising the isolated nucleic acid molecule of claim 16, operably linked to a promoter.

19. Recombinant cell comprising the isolated nucleic acid molecule of claim 15.

20. Recombinant cell comprising the isolated nucleic acid molecule of claim 16.

21. Recombinant cell comprising the expression vector of claim 17.

22. Recombinant cell comprising the expression vector of claim 18.